



ALTERNATIVE TO PTO/SB/08a/b (06-03)

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	09/827280-Conf. #6020
(Use as many sheets as necessary)				Filing Date	April 5, 2001
				First Named Inventor	Cecilia Brandel
				Art Unit	2654
				Examiner Name	V. P. Harper
Sheet	1	of	1	Attorney Docket Number	Technology Center 2600 47253-00004USPX

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U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DPK	A1	US-4,015,088	03-29-1977	Dubnowski et al.	
DPK	A2	US-4,081,605	03-28-1978	Kitawaki et al.	
DPK	A3	US-4783807	11-08-1988	Marley	
DPK	A4	US-5,121,428	06-09-1992	Uchiyama et al.	
DPK	A5	US-5,784,532	07-21-1998	McDonough et al.	
DPK	A6	US-5,970,441	10-19-1999	Mekuria	
DPK	A7	US-6,047,254	04-04-2000	Ireton et al.	
DPK	A8	US-2001/0021906	09-13-2001	Chihsara	
DPK	A9	US-6,377,915	04-23-2002	Sasaki	
DPK	A10	US-6,418,407	07-09-2002	Huang et al.	

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
DPK	C1	ALI ALKULABI et al.; Fast 3-Level Binary Higher Order Statistics for Simultaneous Voiced/Unvoiced and Pitch Detection of a Speech Signal; Signal Processing; Elsvier; Pages 133-140. 12/1997			
DPK	C2	CECILIA BRANDEL et al.; Speech Enhancement by Speech Rate Conversion; Department of Telecommunication and Signal Processing; Pages 34-57. Dec 1999			
DPK	C3	Linear Prediction Analysis; TONY ROBINSON; Speech Vision Robotics Group; 1 Page.			2/98
DPK	C4	Quick Overview of Linear Predictive Coding (LPC) Analysis; 1 Page.			1/2000
DPK	C5	5.3 Linear Prediction Analysis; 3 Pages.			5/24/2000
DPK	C6	PLP-Perceptual Linear Predictive Analysis; 4 Pages.			10/6/98
DPK	C7	Linear Prediction; 2 Pages.			2/24/99

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Examiner Signature	<i>V. Paul Harper</i>	Date Considered	9/28/04
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